DLS ELECTRONIC SYSTEMS, INC.

166 South Carter, Genoa City, WI 53128

RF Exposure Compliance

Company: RF Technologies
Model: 0800-0590
Formal Name: 9600 Pendant

Rule Part: CFR 47 Part 1.1307(b)
CFR 47 Part 2.1093

Test Procedure: FCC 447498 D01 General RF Exposure Guidance v06
4.3. General SAR test exclusion guidance
4.3.1. Standalone SAR test exclusion considerations

Limits: The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 50 mm are determined by:

[(*max. power of channel, including tune-up tolerance, mW*)/(*min. test separation distance, mm*)]· [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where:

f(GHz) is the RF channel transmit frequency in GHz.
Power and distance are rounded to the nearest mW and mm before calculation.
The result is rounded to one decimal place for comparison.

When the minimum *test separation distance* is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

Output Power: This is a portable device. The maximum peak conducted output power measured 6.30 dBm. Antenna gain = 2.1 dBi. The maximum peak e.i.r.p = 6.30 dBm + 2.1 dBi = 8.40 dBm = 6.92 mW

Exclusion threshold: [7 mW / 5 mm] x [√2.475 GHz] = **2.2**

Results: **2.2 is ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.**
SAR measurement is not necessary.